

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 58092006
PUBLICATION DATE : 01-06-83

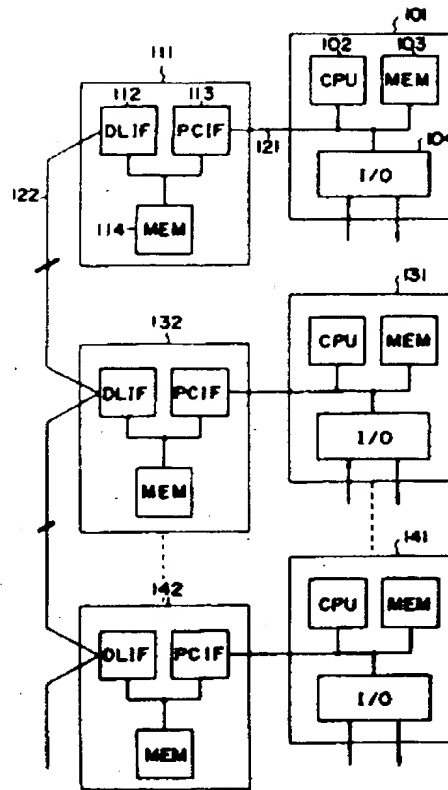
APPLICATION DATE : 27-11-81
APPLICATION NUMBER : 56189975

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INT.CL. : G05B 19/02 G06F 3/04 H04L 11/00

TITLE : PROGRAMMABLE CONTROLLER



ABSTRACT : PURPOSE: To attain high efficiency and high grade control as a total control system, by independently operating each data link device from a corresponding programmable controller and receiving data from other data link devices.

CONSTITUTION: Programmable controllers (PC) 101-141 are provided to correspond to DLCs 111-142 respectively connected therewith via interface sections PCIFs, and data exchange can be done among all PCs via an interface section DLIF of each DLC and a data link cable 122. That is, the PC101 gives an I/O data required for the other PCs in a series of processings to the DLC111 via a PCIF113. In this case, the DLC111 stores it in a storage section MEM114 and transmits the I/O data on the cable 122 via the DLIF112 in the transmission cycle of itself. On the other hand, the other DLCs store the data to the MEMs via the DLIF as required and output it via the PCIF according to the request from the PC belonging to itself.

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